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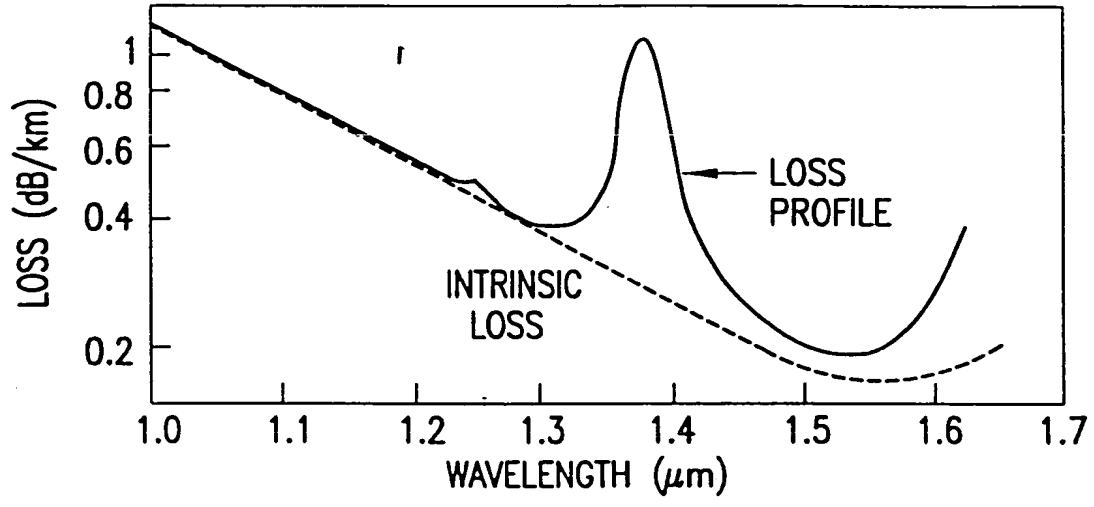


FIG.1a  
PRIOR ART

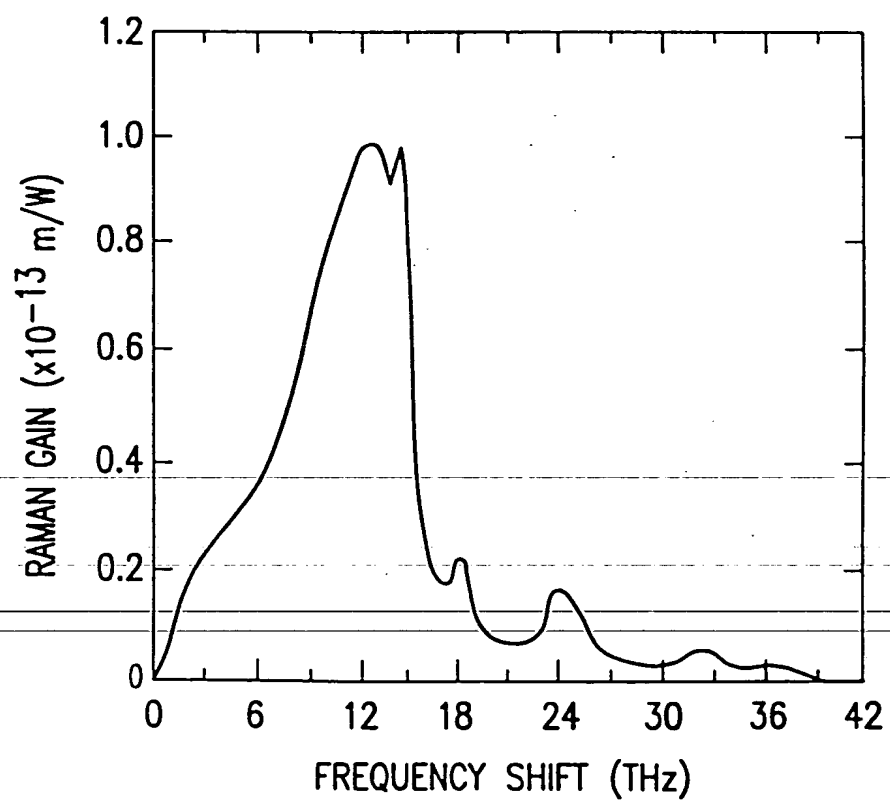


FIG.1b  
PRIOR ART

FIG. 1a and 1b are prior art.

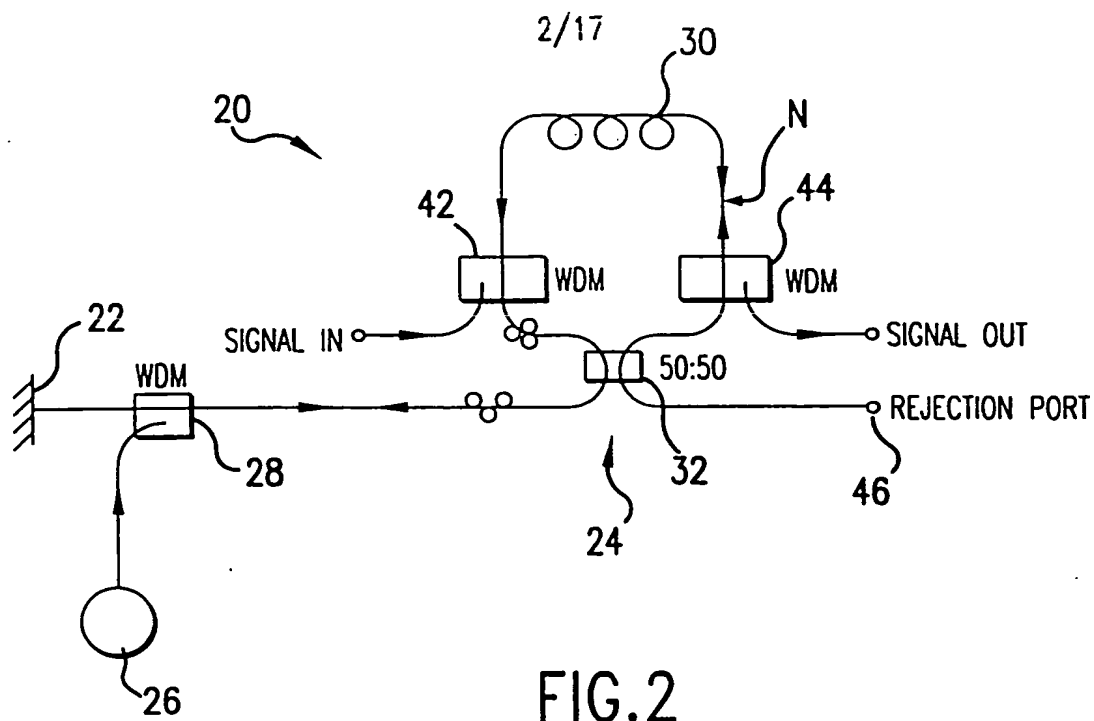


FIG. 2

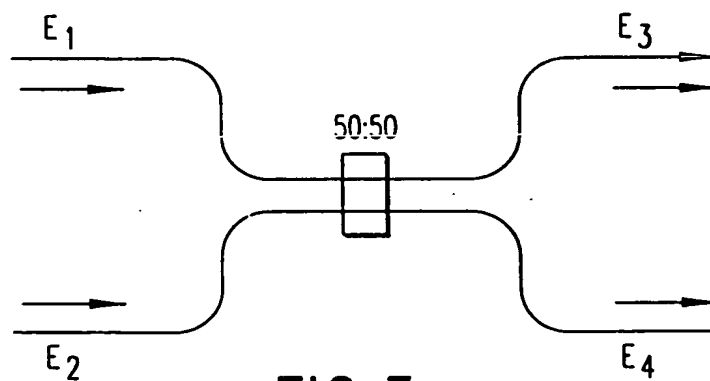


FIG. 3a

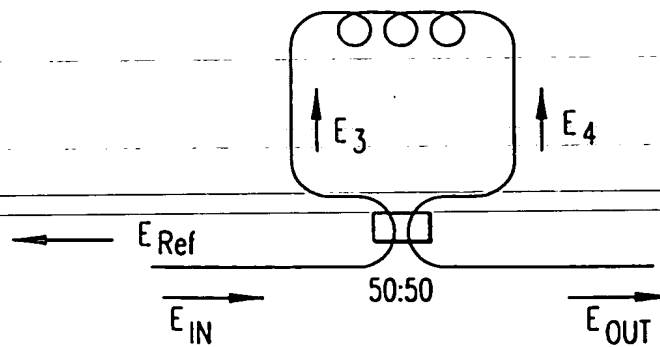


FIG. 3b

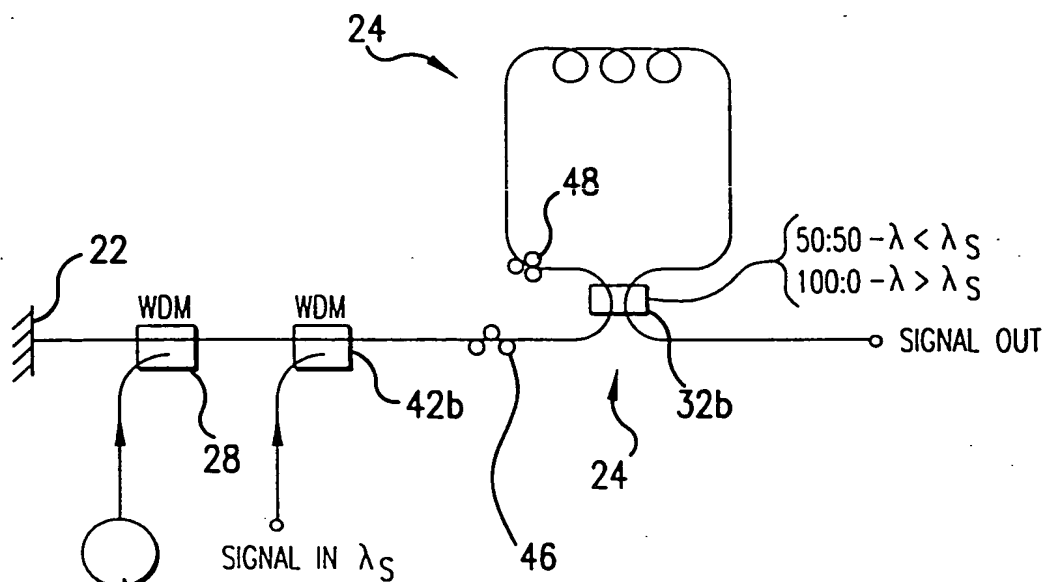


FIG.4

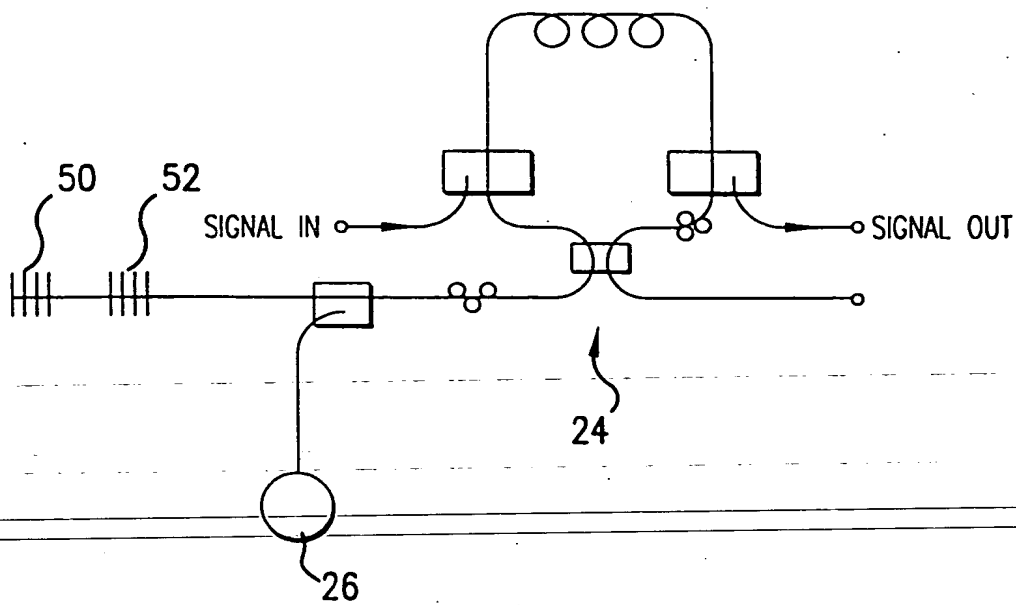


FIG.5

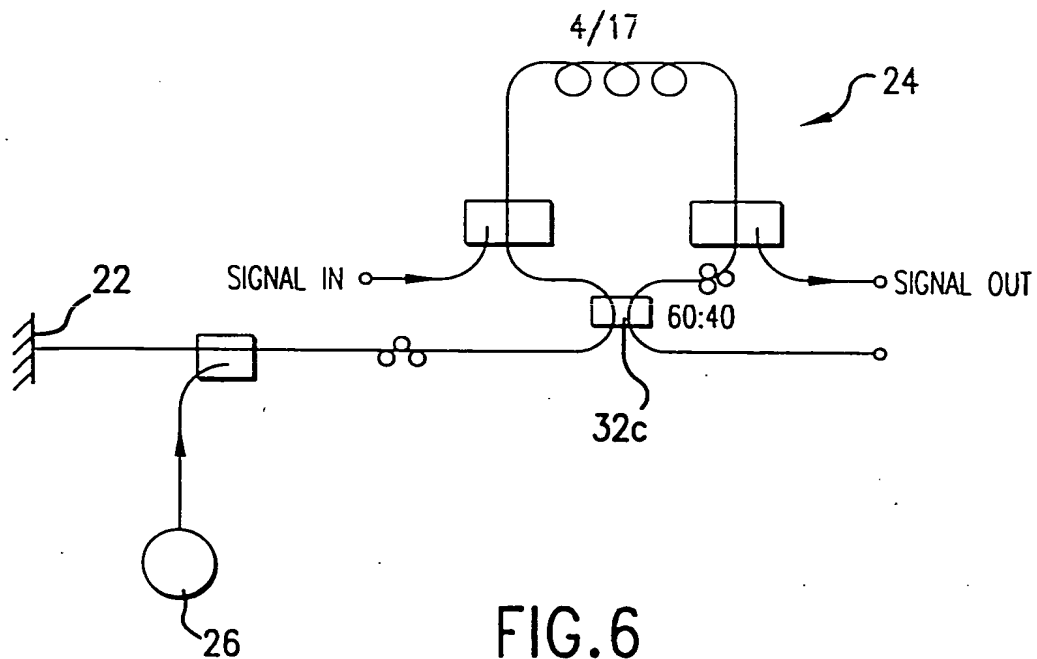


FIG. 6

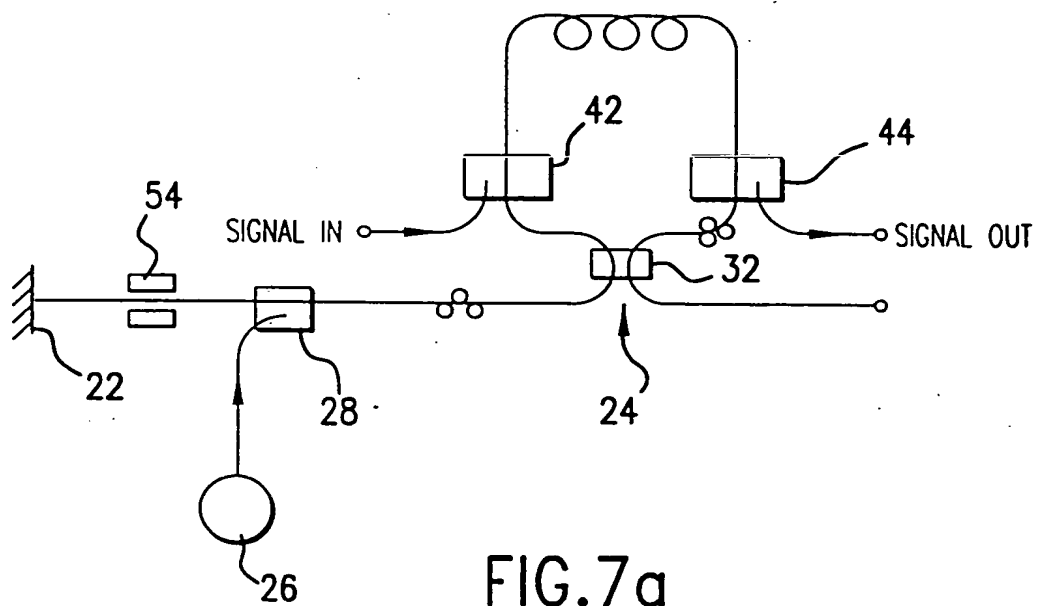


FIG. 7a

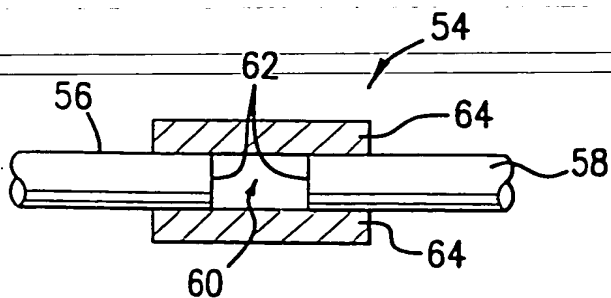


FIG. 7b

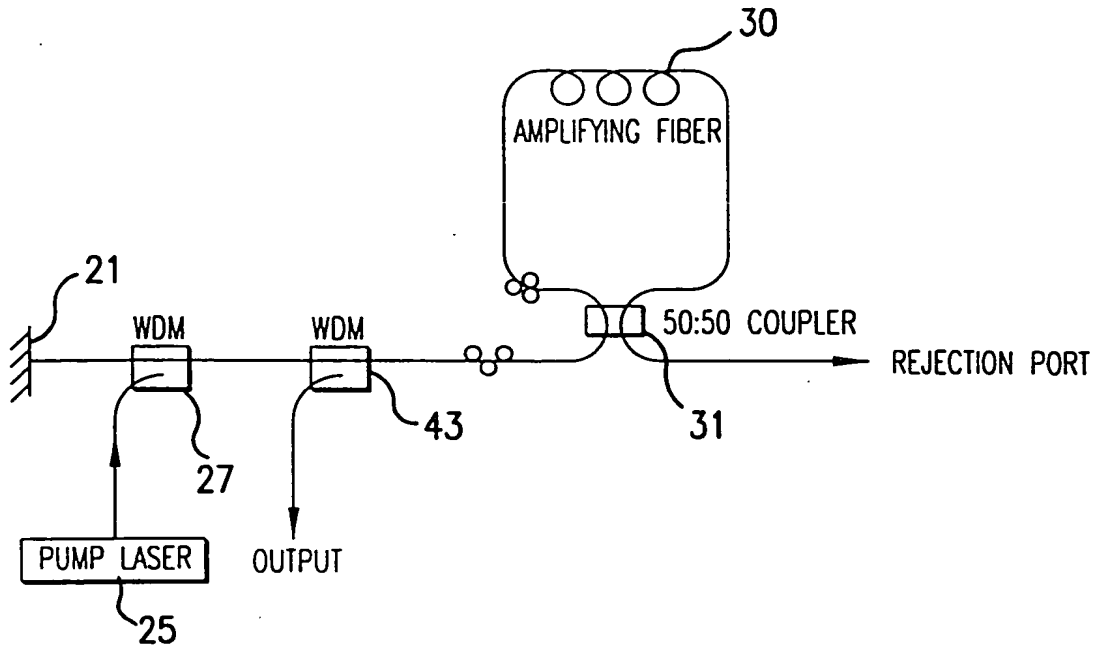


FIG. 8

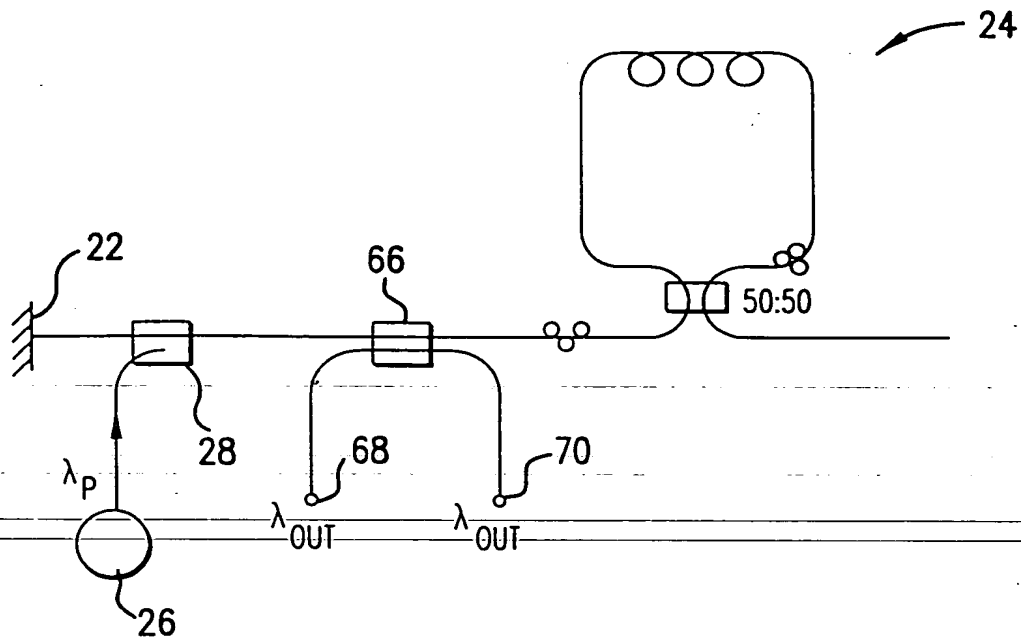


FIG. 9

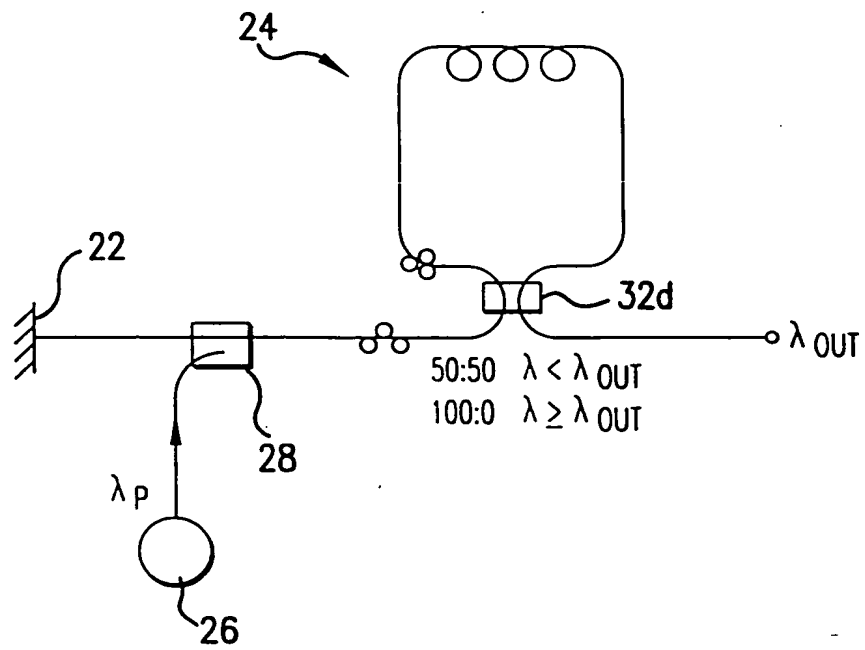


FIG.10

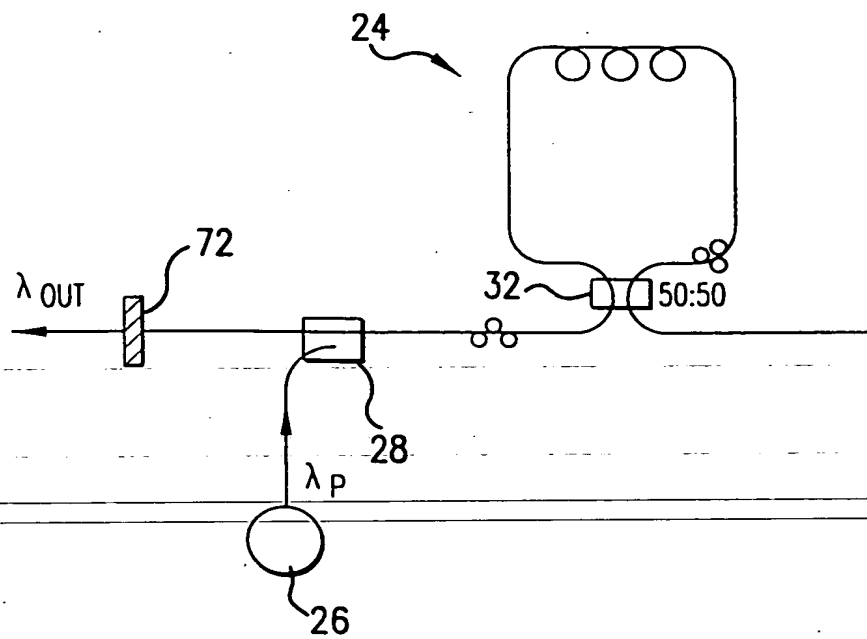


FIG.11

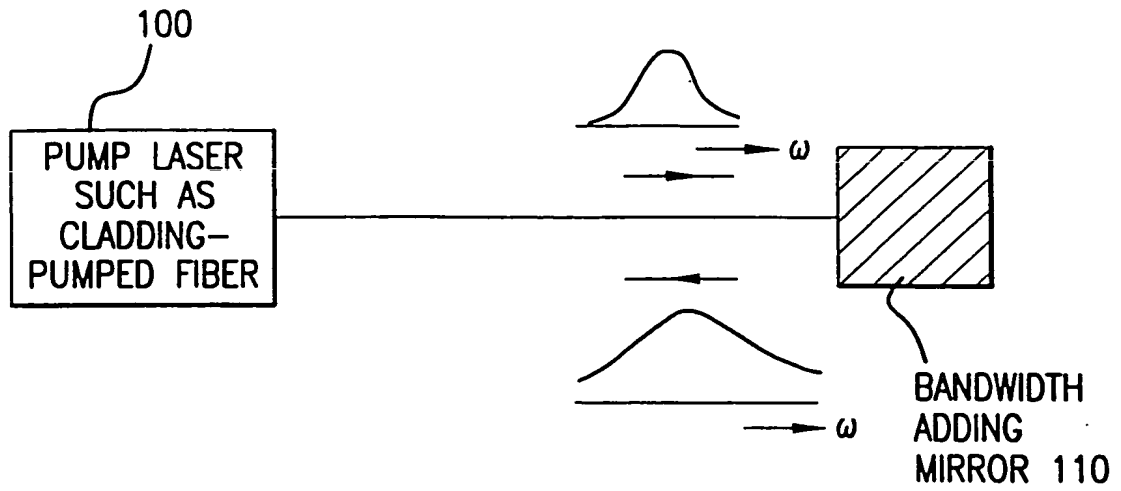


FIG.12

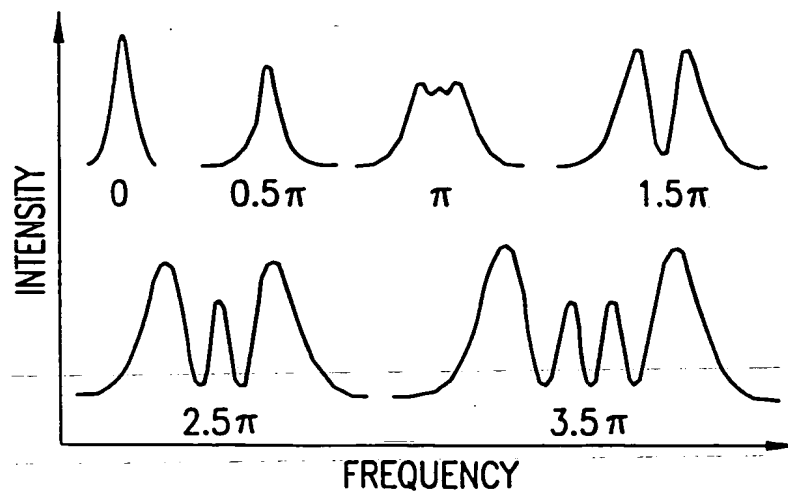


FIG.13



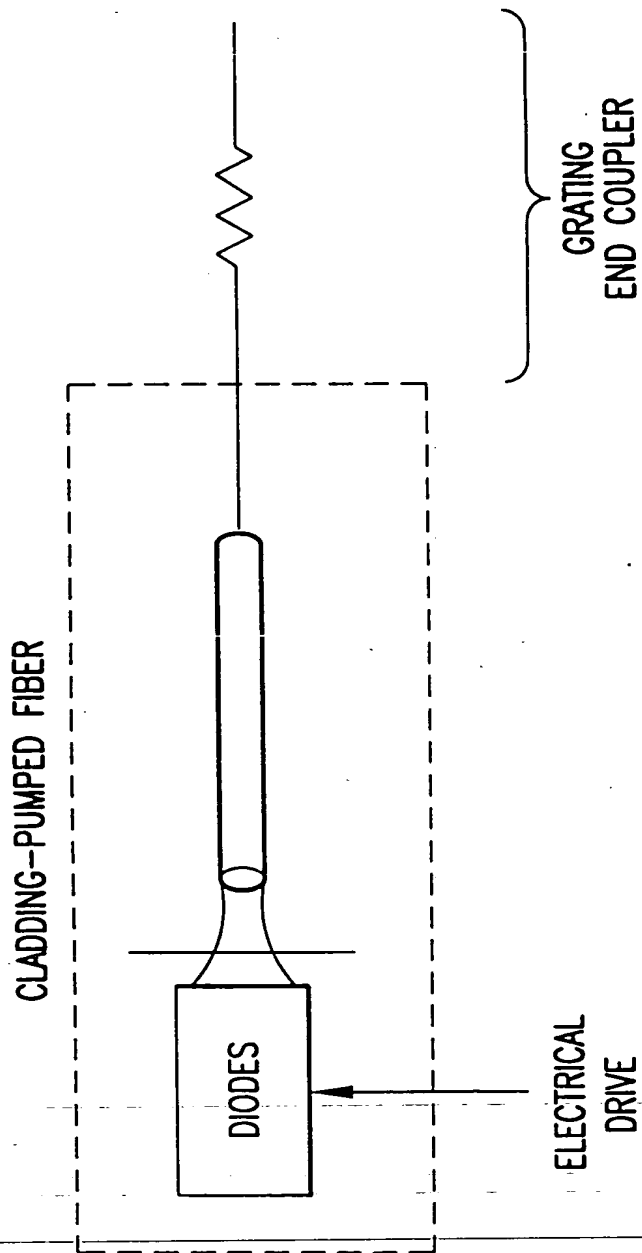


FIG. 14a  
PRIOR ART

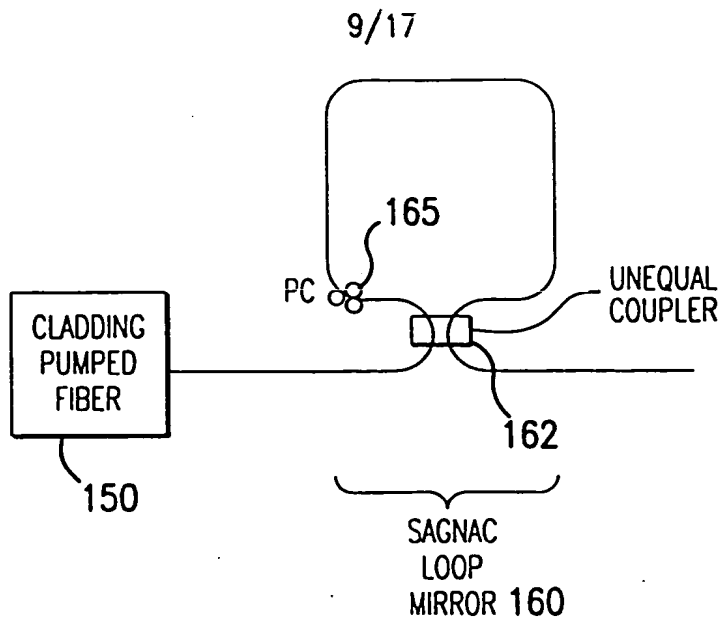


FIG.14b  
PRIOR ART

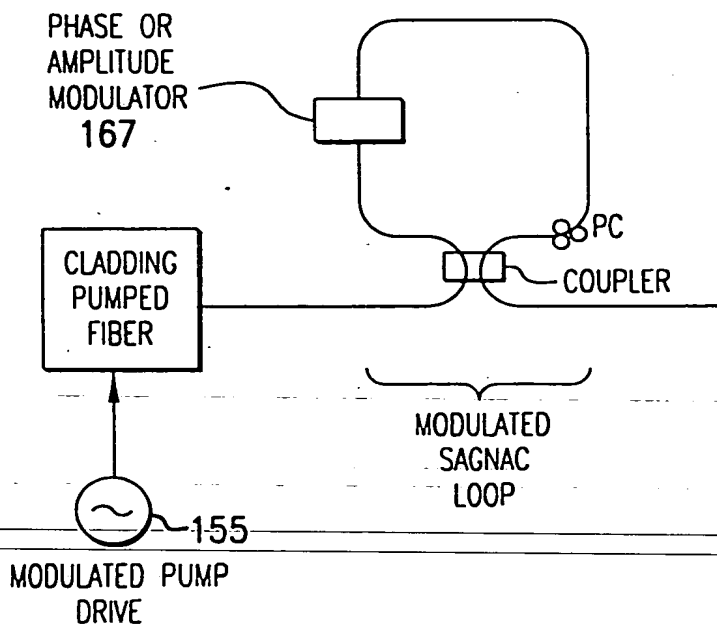


FIG.14c  
PRIOR ART

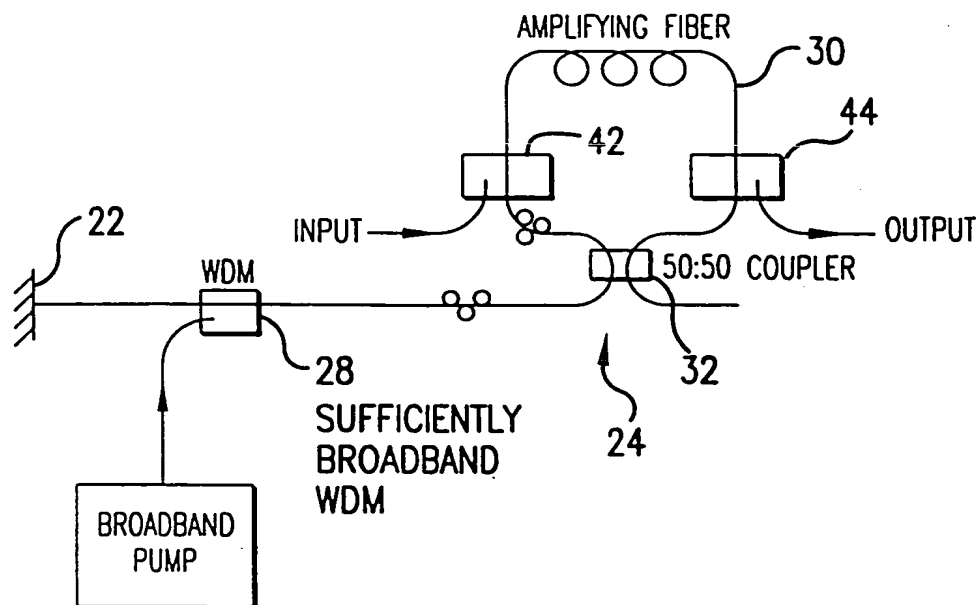


FIG.15a

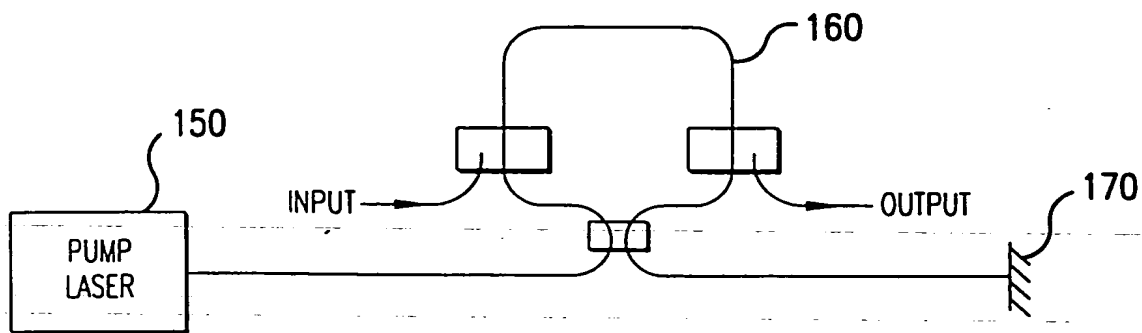


FIG.15b

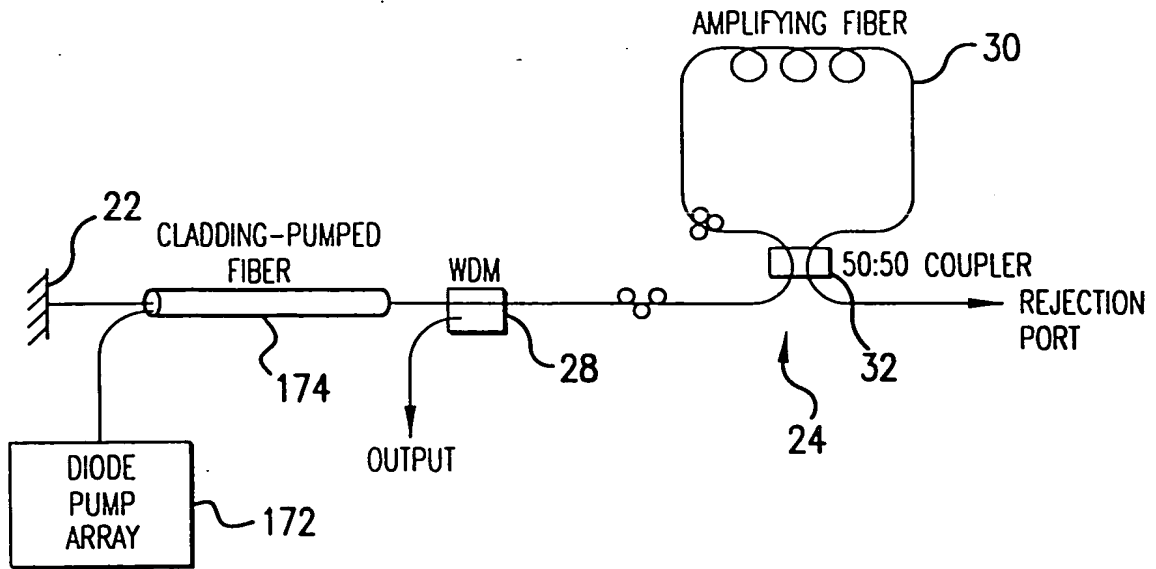


FIG. 16a

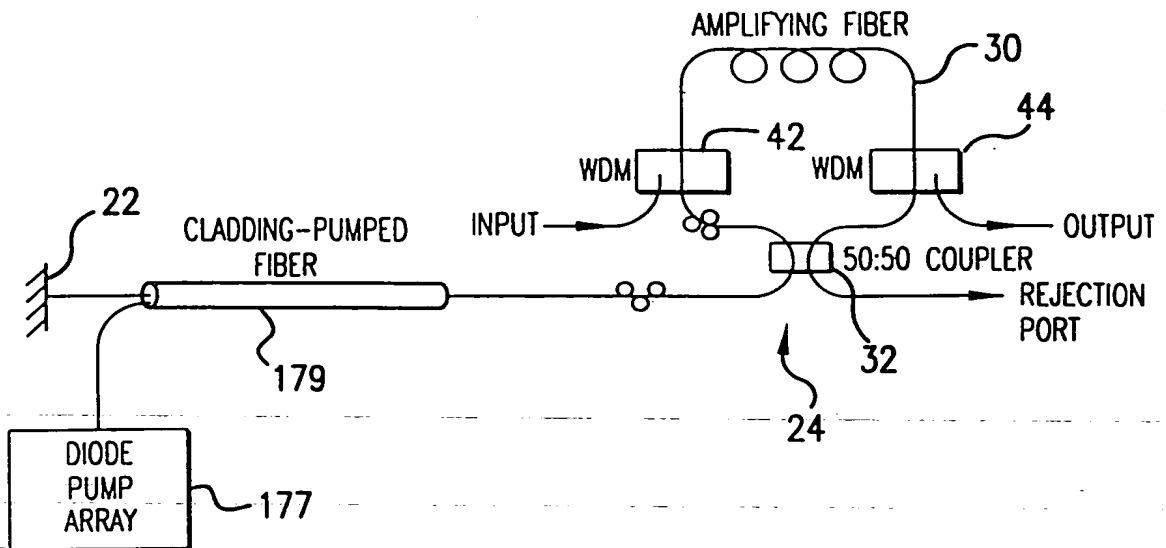


FIG. 16b

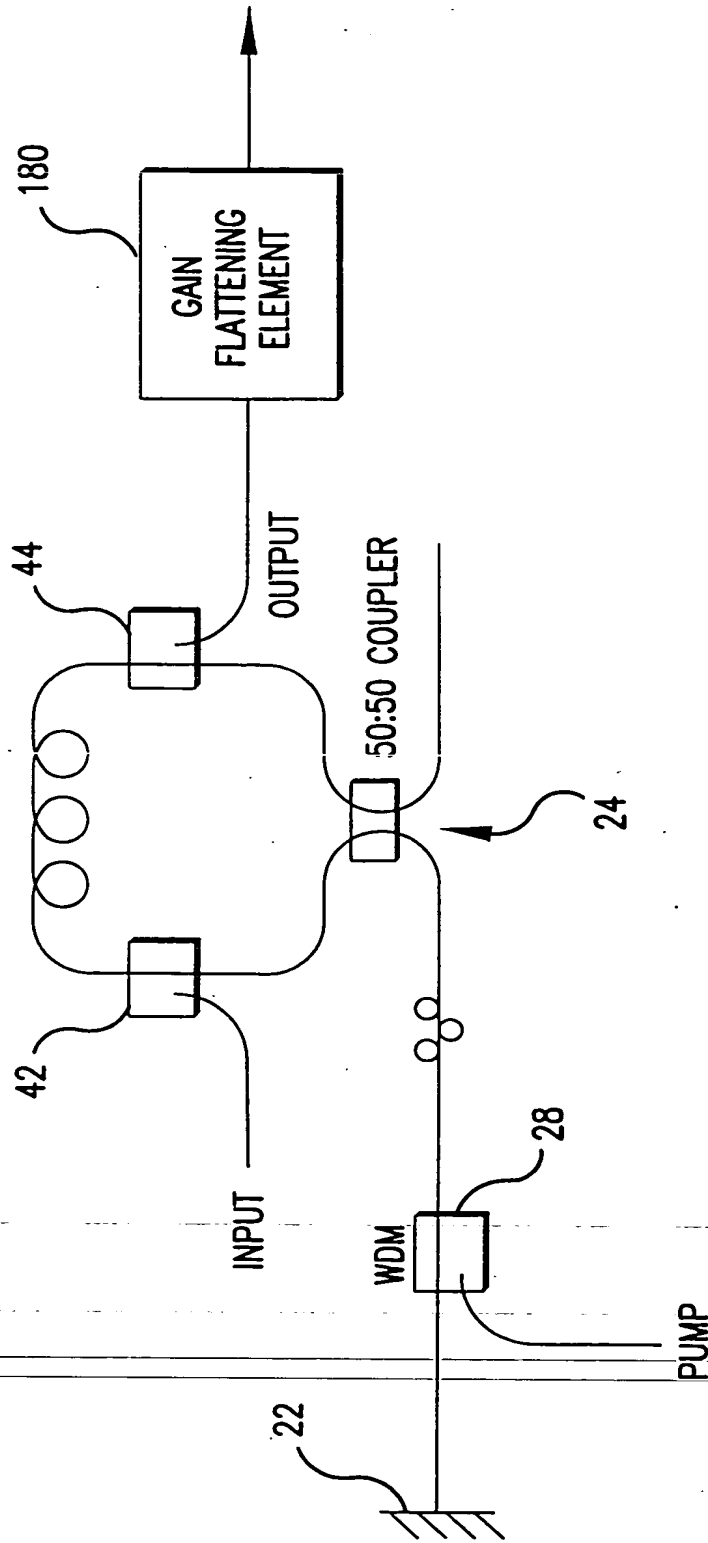


FIG. 17

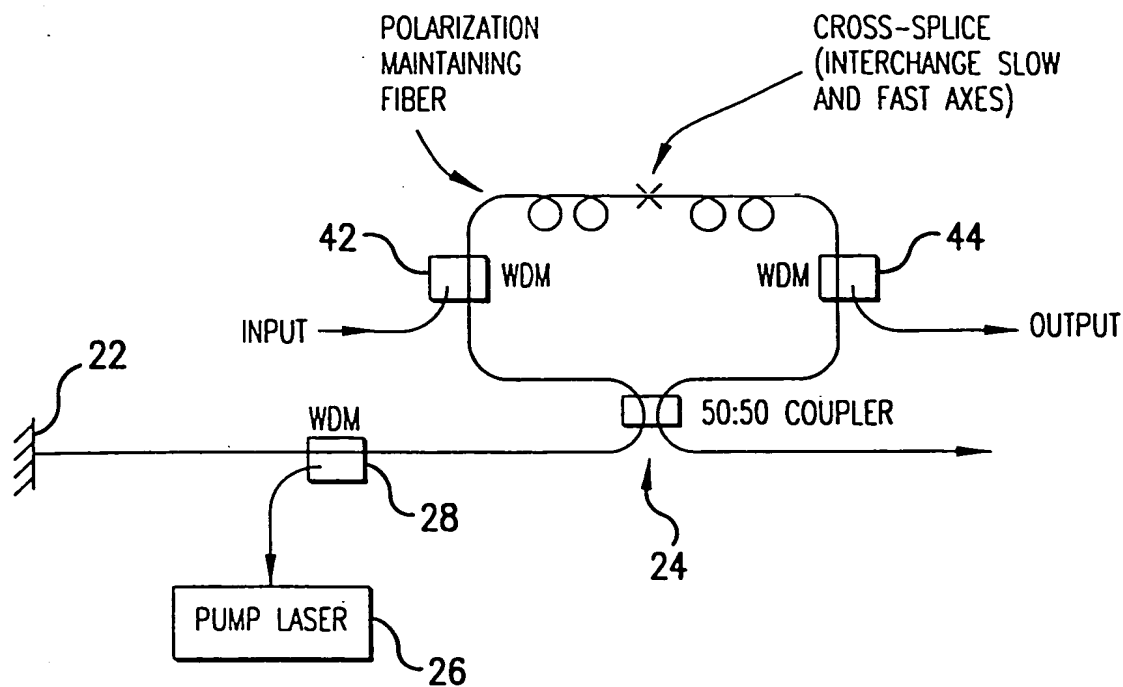


FIG. 18a

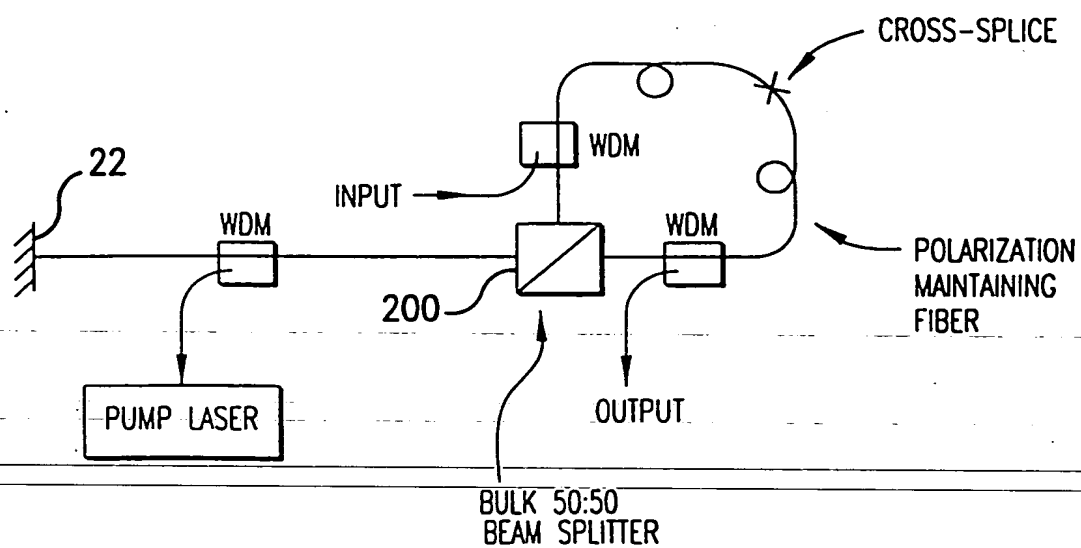


FIG. 18b

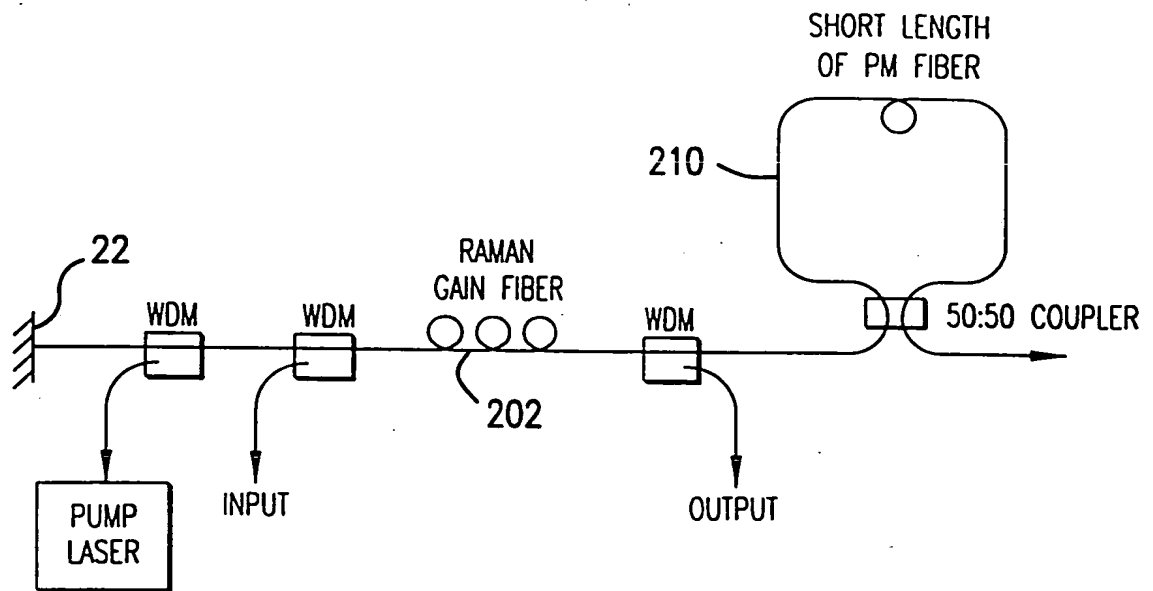


FIG. 19a

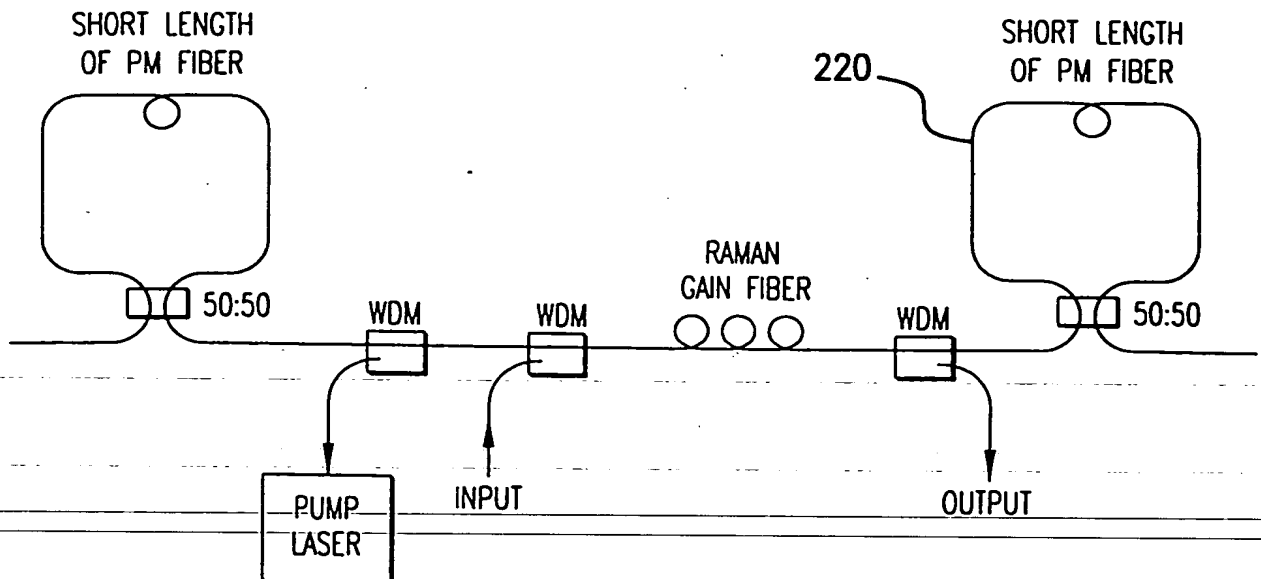


FIG. 19b

10033848-121901

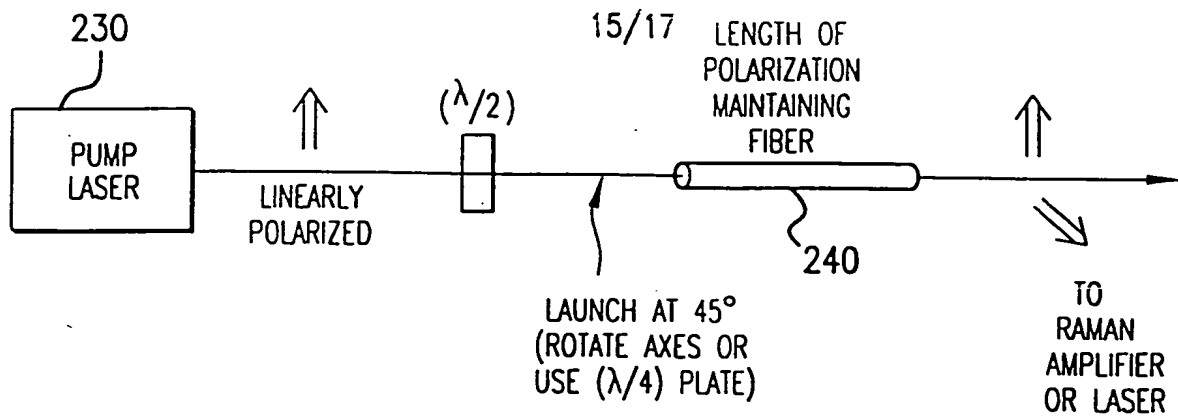


FIG. 20a

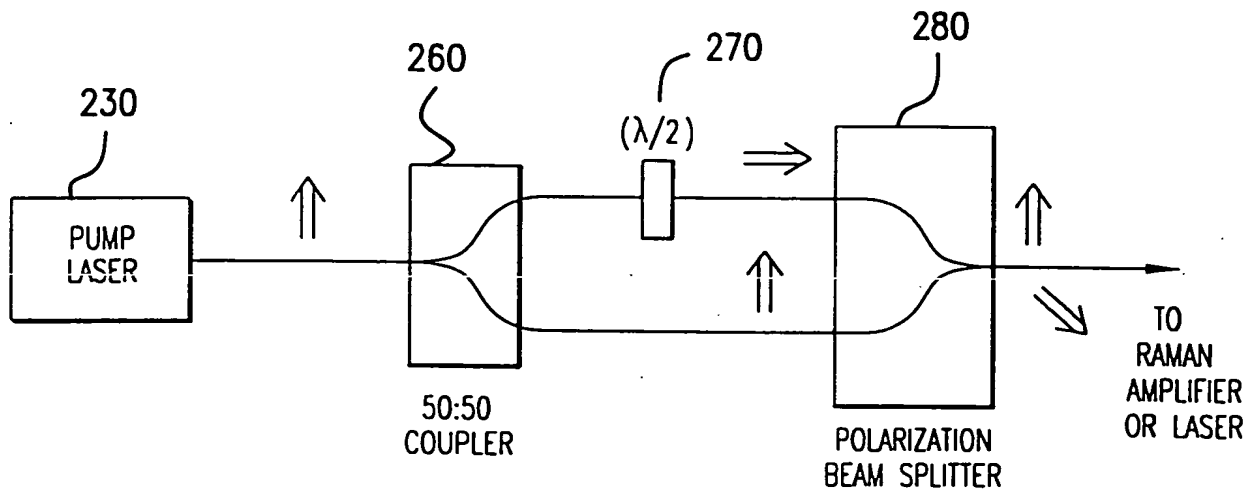


FIG. 20b

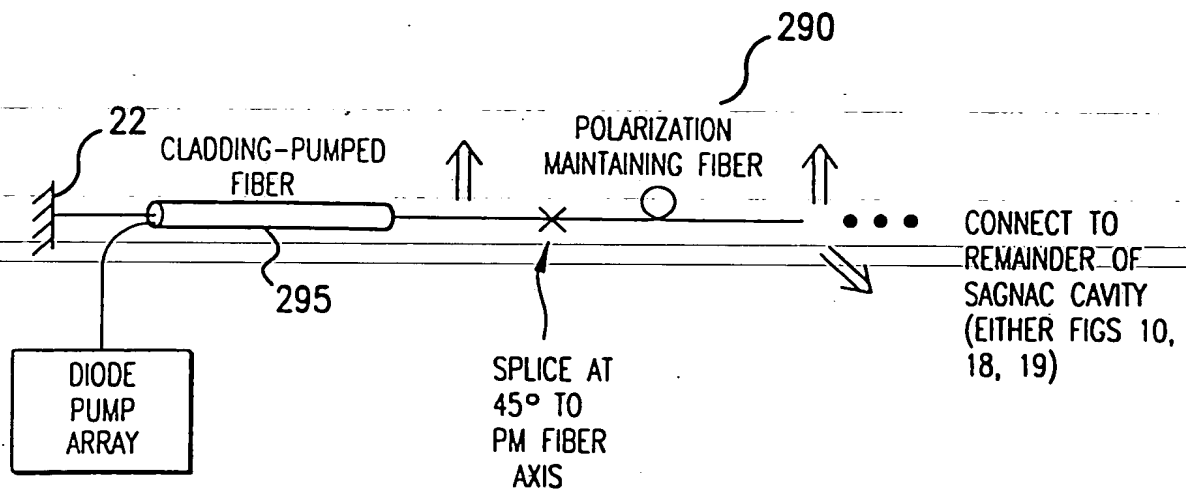


FIG. 21



16/17

1310nm AMPLIFIER

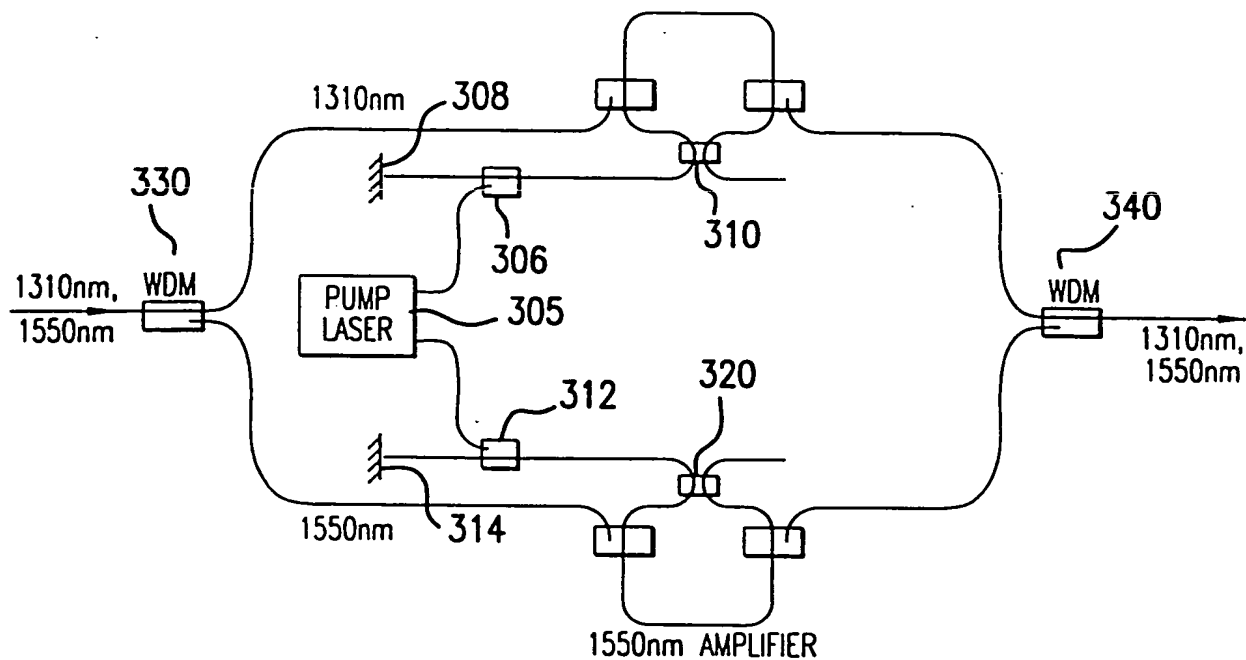


FIG.22a

1310nm AMPLIFIER

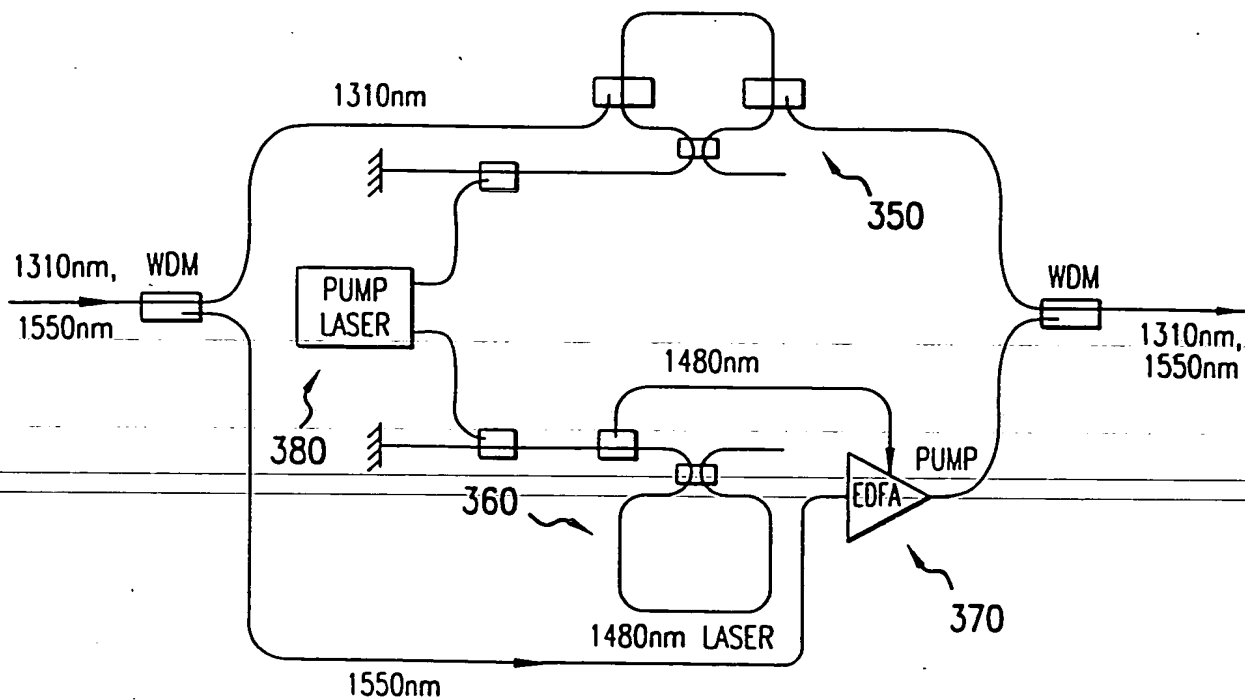


FIG.22b

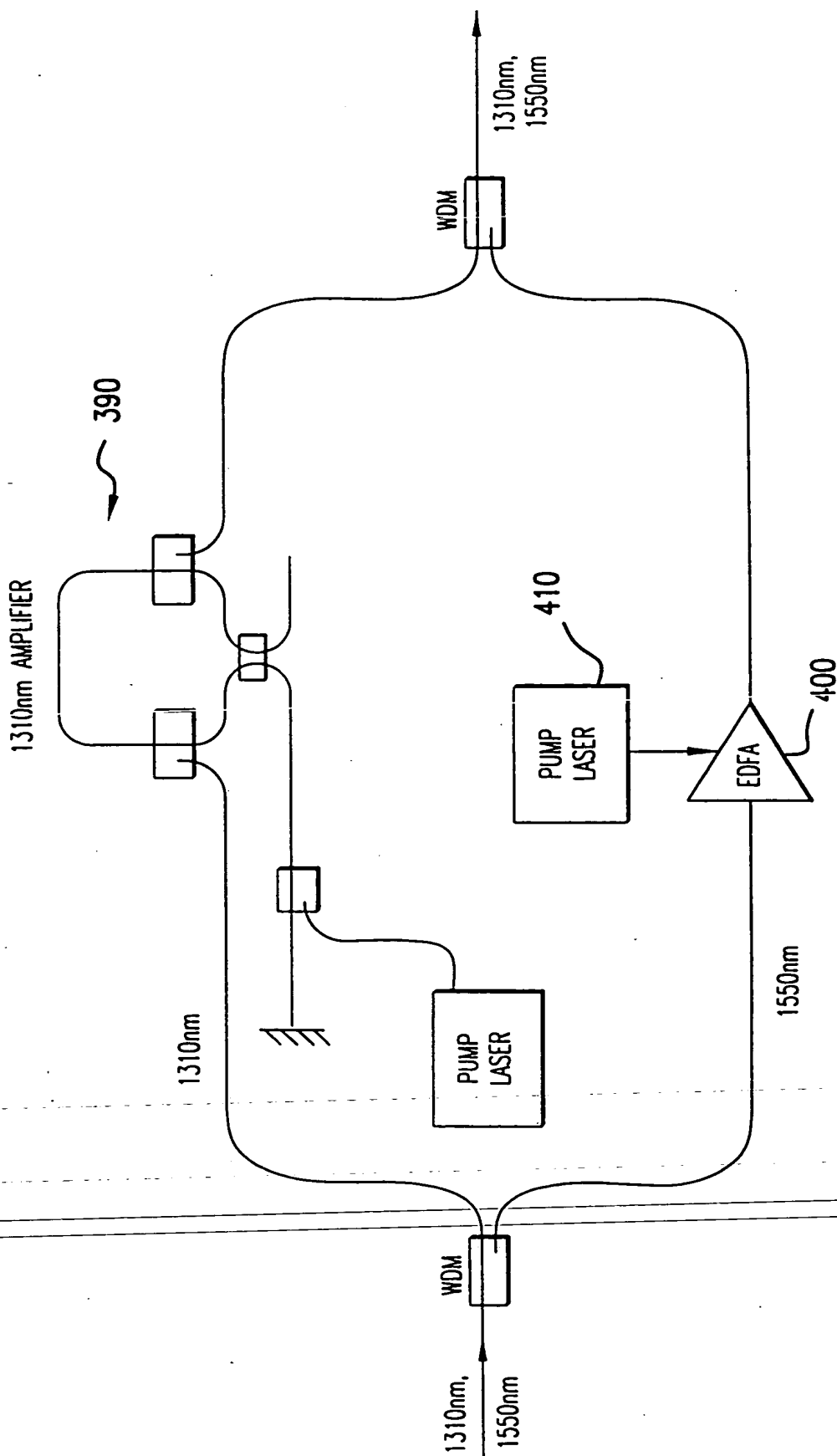


FIG. 22c